Cappa
Cooker hood
Hotte de cuisine
Dunstabzugshaube
Dampkap

ZHC 914

MANUALE DI INSTALLAZIONE, USO E MANUTENZIONE
INSTALLATION, USE AND MAINTENANCE HANDBOOK
MANUEL D'INSTRUCTIONS POUR L'INSTALLATION, L'EMPLOI ET L'ENTRETIEN
HANDBUCH FÜR INSTALLATION, BEDIENUNG UND WARTUNG
INSTRUCTIES VOOR MONTAGE, GEBRUIK EN ONDERHOUD

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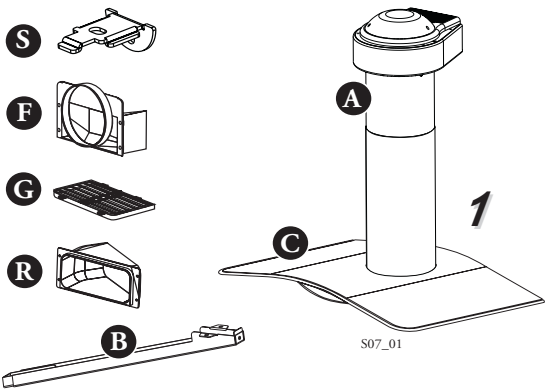
1 - GENERAL DATA

This hood has been designed to be wall-mounted above a cooking hob with one side resting against a wall. It works either by suction (external outlet) or filter (internal recycling). **Because of the complexity and weight of the hood, its installation should be carried out by qualified staff, taking care to respect all local regulations on air discharge. The manufacturer cannot be found liable for any damage due to improper installation.**

2 - COMPONENTS

The cooker hood is made up of the following components (fig. 1):

2.1 - No. 1 canopy **C** complete with controls and worktop illumination;
2.2 - No. 1 telescopic chimney stack **A** complete with ducting fan unit;
2.3 - No. 1 flange Ø 120 or Ø 150 **F**;
2.4 - No. 1 venting grill **G**;
2.5 - No. 1 ducting spigot **R**;
2.6 - No. 1 support rod **B**;
2.7 - No. 1 fixing kit containing:
No. 1 wall bracket **S** to fix the canopy hood;
No. 1 cover **D**, screws, rawl plugs and documentation.



3 - SAFETY WARNINGS

3.1 - When used in the extraction mode the cooker hood ducting must not be connected to a flue which is used for exhausting fumes from appliances supplied with energy other than electric such as a central heating flue or water heating flue.
3.2 - Before connecting to the mains supply ensure that the mains voltage corresponds with the voltage on the rating plate inside the hood.
3.3 - Connect the cooker hood to the mains via a double pole switch which has 3 mm clearance between the contacts.
3.4 - The appliance must be earthed.
3.5 - When installed, the hood must be positioned at least 65 cm above a cooking appliance.
3.6 - Never do flambé cooking under this cooker hood.
3.7 - Never leave frying pans unattended during use as overheated fats and oils may catch fire.
3.8 - Before carring out any kind of maintenance or cleaning, disconnect the hood from the mains supply.

3.9 - If the room where the cooker hood is to be used contains a fuel burning appliance such as a central heating boiler then this must be of the room sealed or balanced flue type. If other types of flue or appliance are fitted ensure that there is an adequate supply of air into the room. When the cooker hood is used in conjunction with other appliances supplied with energy other than electric, the negative pressure in the room must not exceed 0,04 mbar to prevent fumes being drawn back into the room by the cooker hood.

4 - INSTALLATION

The versatility of the ducting fan unit on this hood enables it to be installed in one of four different ways:

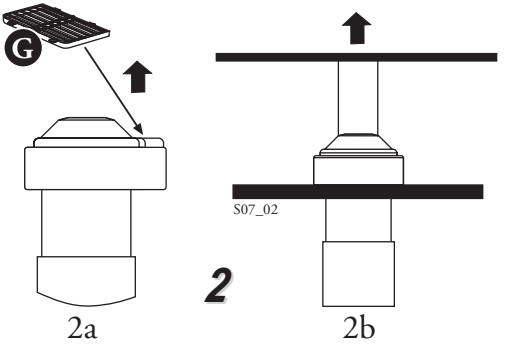
1 - Air outlet directed upwards (ducting or recirculation fitting).
2 - Air outlet directed towards the wall (ducting fitting only).
3 - Air outlet directed to the right or left (ducting fitting only). For correct installation of the hood, please proceed in the following stages:
- 4.1 - Selection of the type of installation
- 4.2 - Installation of the hood canopy **C**
- 4.3 - Installation of the chimney **A**
- 4.4 - Ducting or recirculation fitting
- 4.5 - Electrical connection and testing

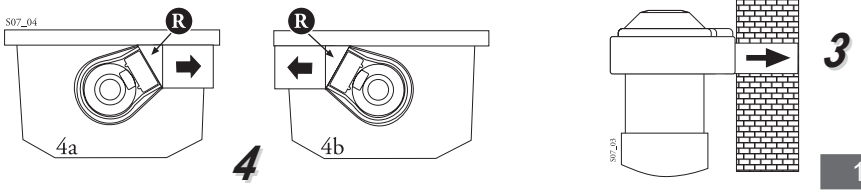
4.1 - Selecting the type of installation

1 - Air discharge towards the top
In this case the hood can be used either in filter mode **(fig. 2a)** or in suction mode **(fig. 2b)**.

2 - Air discharge towards the wall (fig. 3)
In this case the hood can only be used in suction mode.

3 - Side air discharge, Lh or Rh (fig. 4a-b).
In this case the hood can only be used in suction mode.

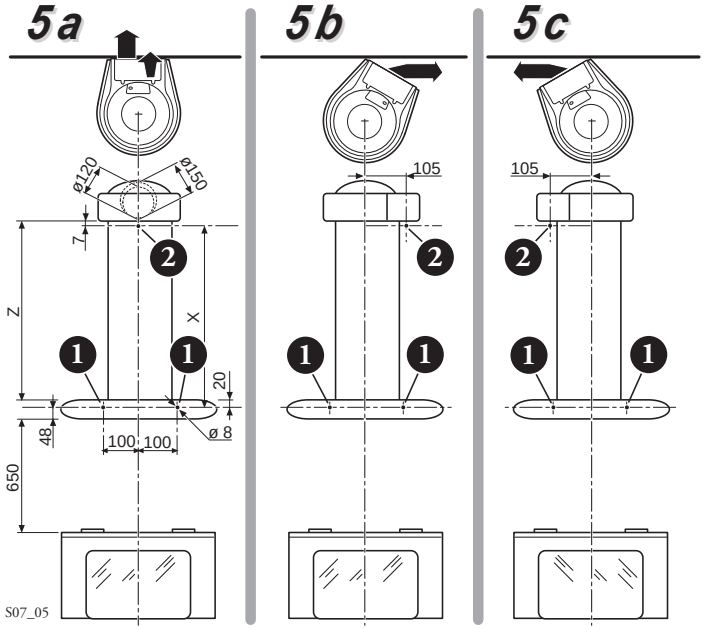




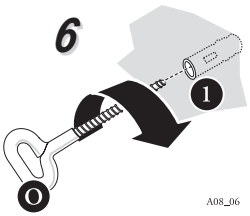
4.2 - Installation of the hood canopy C

1 - Drilling the wall

a) Using the cardboard template provided, mark on the wall the centres of holes **1** for fixing of the hood canopy **C**. The centre of hole **2** for fixing the chimney, (**fig. 5a**) air outlet directed upwards or towards the wall, (**fig. 5b-c**) air outlet to the right or left hand side, must be marked at a distance **X** from the line between holes **1**, obtained by measuring the extension **Z** of the chimney required for installation, plus 13 mm **X**=**Z**+20-7. Using a Ø8 mm drill bit, drill the points marked in this way.



b) When installed with the air outlet directed towards the wall (**fig. 5a**), it will be necessary to drill an air ducting opening, measuring Ø120 or 150 mm, according to the diameter of the flange **F** provided.

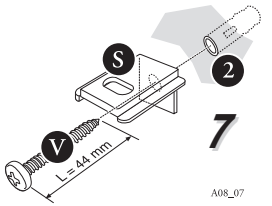


2 - Fitting the fixing elements

a) Insert the rawl plugs provided into holes 1 and 2.

b) Fit the eye bolts **O** (**fig. 6**).

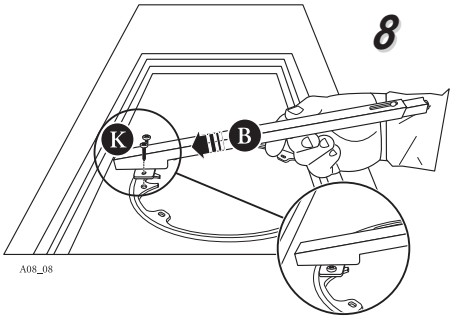
c) Fix the wall bracket **S** in hole 2 using the screw **V** provided (**fig. 7**).

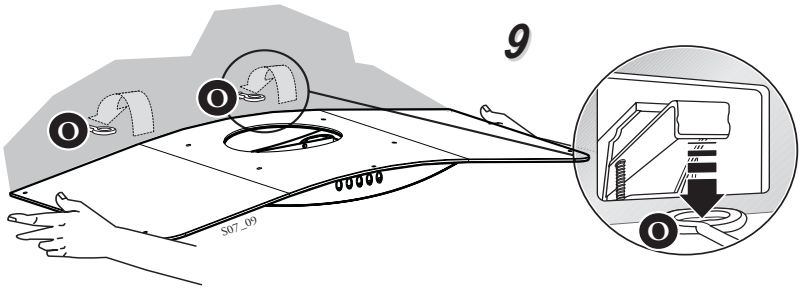


3 - Fitting the hood canopy C to the wall

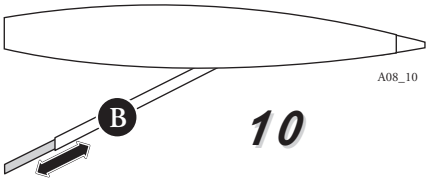
a) Remove the metal grease filter and the activated charcoal filter, if there is any (see the paragraph on Maintenance).

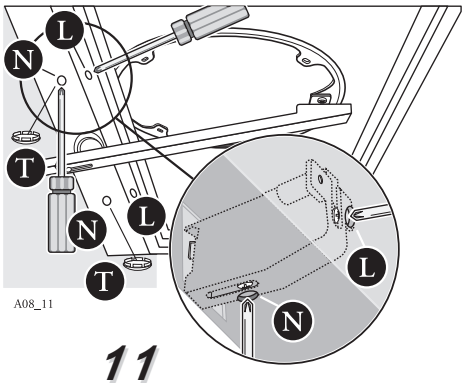
b) Fit the support rod **B** using the two screws **K** (3,5x9,5) provided (**fig. 8**).
c) Hook the hood canopy **C** to the eye bolts **O** fixed in holes **1** (**fig. 9**).
d) Adjust the support rod **B** so that it pushes against the wall (**fig. 10**).





e) Adjusting position (**fig. 11**). There are two adjustable hooks at the rear of the hood, which can be used to adjust its position as follows:
- Turn the screws **L** until the position of screws **N** coincides with the lower access holes.
- Turn the screws **N** to adjust the vertical and horizontal position of the hood.
- Lock the screws L to fasten the hood against the wall.
- Insert the plugs **T** provided in the holes giving access to screws **N**.





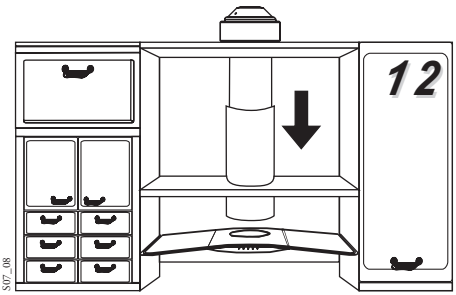
4.3 - Installation of the chimney A

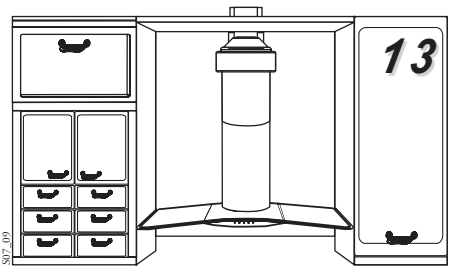
No matter which type of installation is being used, any wooden shelves in the area where the hood is to be fitted must first be removed, drilled and later replaced.

1 - Drilling the shelves:

a) Using the cardboard template provided, and taking hole "**B**" as a point of reference, drill the shelves along the central axis to allow the passage of the chimney. The chimney must be inserted into the shelves before it is fixed to the hood canopy **C** (**fig. 12**).

b) When installing the ducting version with the air outlet directed upwards, if the ducting fan unit is positioned below the line of shelves it will be necessary to drill a suitable hole in the top shelf only, to allow the air ducting pipe to pass through (**fig. 13**).

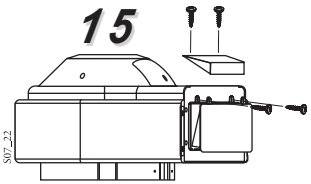


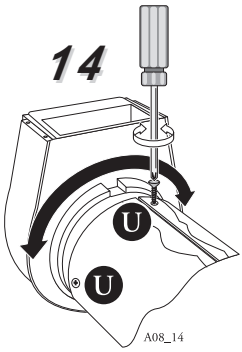


2 - Direction and position of the ducting fan unit

a) The hood is normally supplied with the air outlet directed towards the wall (**fig. 3**), if it is to be installed with the air outlet directed to the right or left (**fig. 4a-b**), it will be necessary to change the direction of the ducting fan unit, proceeding as follows:

- Unscrew the screws **U** (**fig. 14**);
- Turn the ducting fan unit 60° to the right or left;
- Replace the screws **U**.





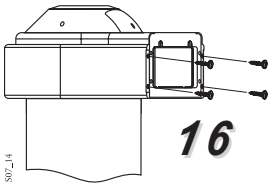
b) The ducting fan unit air outlets must be arranged according to the type of installation to be carried out.

· **Air outlet directed upwards** (**fig. 2a-b**).

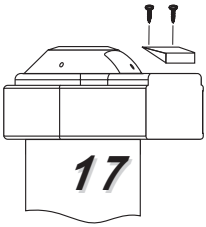
- Remove the plastic plug from the upper part of the venting grill and replace it on the rear part (**fig. 15**).

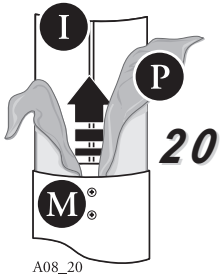
· **Air outlet directed towards the wall** (**fig. 3**).

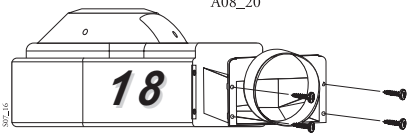
- Remove the plastic frame from the air outlet (**fig. 16**).



- Remove the plug from the upper part of the ducting fan unit (**fig. 17**), as it is not possible to insert the flange F with the plug in place.
- Fit the flange **F** Ø120 or 150 mm (**fig. 18**), replace the plug.
- **Air outlet directed to the right or left hand side (fig. 4a-b).**
- Remove the four screws fastening the plastic frame, as shown in **fig. 16**.
- Fit the ducting spigot **R** (**fig. 19**) and replace the four screws removed as above.







3 - Fixing the chimney

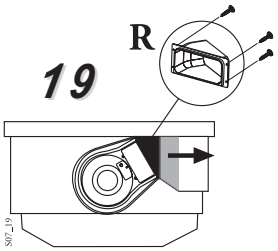
a) Loosen the screws **M** fixing the two parts of the chimney and pull the inner section **I** (**fig. 20**) almost all the way out. Remove the protective film **P**.

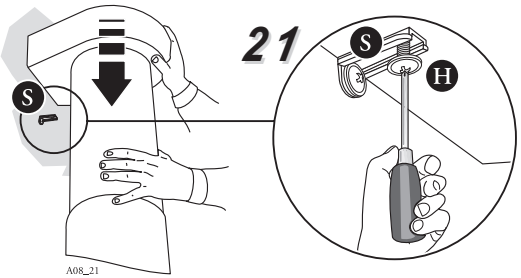
b) Rest the lower section of the chimney in its housing on the top of the hood canopy. Lower the ducting fan unit until it reaches the wall bracket **S** and fix it using the screw **H** provided (**fig. 21**). Fit the cover **D** (provided) on the wall bracket **S** (**fig. 22**).

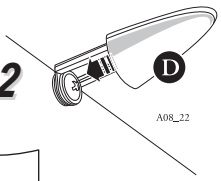
c) Insert gasket **G1** (found in the accessory bag) on the base of chimney stack **A**, so that it adheres perfectly to the shape of chimney stack **A**. Then fix chimney stack **A** to the hood unit **C** using four of the screws provided **E** (**fig. 23**).

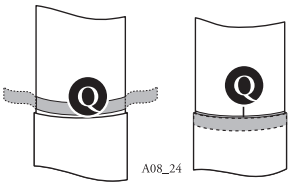
d) Insert the transparent seal **Q** (provided), so as to eliminate any play between the two parts of the chimney (**fig. 24**). Lock the screws **M**.

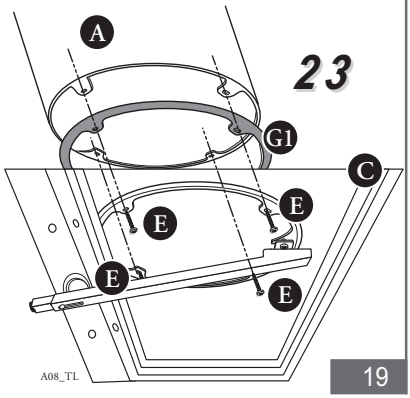
e) Remove the support rod **B**.



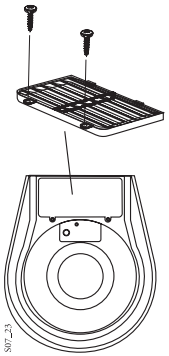








4.4 - Ducting or recirculation fitting



1 - Ducting fitting.

This is possible for all forms of installation:

a) Connect the air outlet to the external ducting system.

b) Remove the activated charcoal filter (if there is one) inside the hood canopy (see Maintenance).

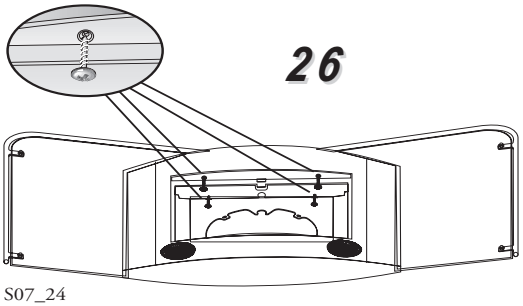
2 - Recirculation fitting

This is only possible with the air outlet directed upwards. Fit the venting grille **G** onto the air outlet (**Fig. 25**). The activated charcoal filter should be fitted inside the hood canopy after connection to the power supply.

4.5 - Connection to power supply and checking of good working order

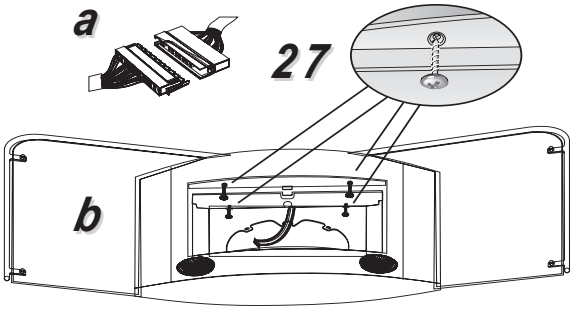
1 - It is absolutely necessary to follow the warnings 3.2, 3.3 and 3.4 of paragraph 3, concerning safety measures.

2 - Loosen the two locking screws and remove the metal cover **(fig.26).** Connect the hood connection to the engine connection **(fig.27a).** Correctly place the connectors under the cover and tighten the two locking screws **(fig. 27b)**.



3 - Once electrical connection has been carried out, check that lights, engine and change of speed work

4 - Fit the antigrease filter (paragraph 4.2) and the activated carbon filter (only for filter mode) (see Maintenance).



1 - SAFETY WARNINGS

It is most important that all the warnings shown in paragraph 3 of the Installation Instructions are strictly observed. Moreover, **pay special attention to the following warnings during the use and maintenance of the cooker hood:**

1.1 - The grease filters and charcoal filters should be cleaned or replaced as recommended by the manufacturer or more frequently if the hood is used consistently (over 4 hours per day).

1.2 - When using a gas hob in connection with the cooker hood never leave the burners of the hob uncovered while the hood is in use or when the pans have been removed. Switch off the gas before removing the pan, or for just short periods and never leave the hob unattended.

1.3 - Always ensure that the flame is kept at the correct intensity to prevent the flame from licking round from the bottom of the pan; this will save energy and will avoid a dangerous concentration of heat.

1.4 - Always ensure that the appliance is used in accordance with the manufacturer's instructions for the removal of contaminated air and odours during cooking.

1.5 - The appliance is not intended for use by young children or infirm persons without supervision.

1.6 - Young children should be supervised to ensure that they do not play with the appliance..

2 - OPERATION

Control panel

The hood is equipped with the following controls **(fig. 28)**:

Key **L** = Turns the lighting system on and off

Key **V1** = Turns the motor on/off and the saturation metal grease filter alarm (LED starts to flash)

Key **V2** = Second speed

Key **V3** = Third speed

Key **I** = Intensive speed with timed stoppage and saturation charcoal filter alarm (LED starts to flash). Suitable to deal with maximum vapour emission, this turns off automatically 10 minutes after starting operation.It can be disabled by pressing the key I .

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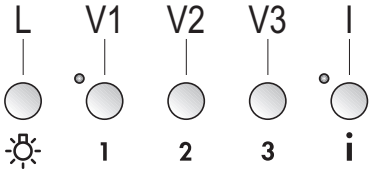

3 - MAINTENANCE

Constant maintenance is a guarantee for long-lasting working order and efficiency. Special care should be taken of the metal antigrease filter and activated carbon filter (for filter hoods only).

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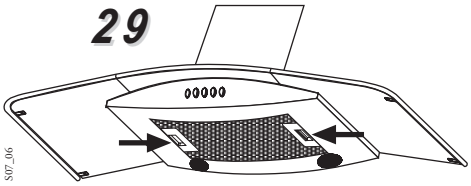

3.1 - Metal antigrease filter

- **Cleaning**
  This filter must be washed when LED V1 starts to flash, or at the most once every 2 months, using a normal household detergent; its compact size also enables it to be washed in a dishwasher.
- **Replacement**
  Remove the filter, pushing the handle towards the rear of the hood. When replacing, ensure that the handle faces outwards.
- **Enabling the alarm signal**
  The hood is already set up to trigger an alarm indicating saturation of the metal grease filters,so this function does not need to be enabled.
- **Resetting the alarm signal**
  To turn the alarm signal off, proceed as follows:
  - Turn off the Lights L and the Suction Motor V1;
  - Press the Speed V3 for at least 3 seconds, until the Leds flash in confirmation. In any case the saturated filters alarm will only come into operation when the suction motor is turned on.

3.2 - Activated carbon filters

- **Operation**
  The activated charcoal filter is only fitted in recirculation type hoods.It will retain odours until it becomes saturated. It cannot be washed or regenerated, and must be replaced when the Intensive Speed LED I starts to flash, or at least once every 4 months of use. Attention: in recirculation type hoods the V1 Motor LED may start to flash as well as the Speed + V3 LED. This indicates that as well as replacing the activated charcoalfilter, it is also necessary to perform maintenance operations on the metal grease filters (see paragraph Metal grease Filter).

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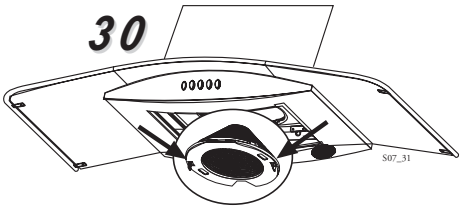


- **Replacing**
  Take off the metal grease filter and remove the activated charcoal filter from its housing by turning the clips provided. Fit the new activated charcoal filter and replace the metal grease filter.
- **Enabling the alarm signal**
  In recirculation type hoods the saturated filters alarm must be enabled as indicated below:
  • Turn off the lights L and the Suction Motor V1;
  • Press and hold the button V3 for at least 10 seconds, until the Leds start to flash.
  Note the number of flashes:

- 2 flashes of the LED Activated charcoal filter saturation alarm **ENABLED**
- 1 flash of the LED Activated charcoal filter saturation alarm **DISABLED**

• **Resetting the alarm signal**
To turn the alarm signal off, proceed as follows:
- Press the button V3 for at least 3 seconds, until the Leds flash in confirmation. In any case the saturated filters alarm will only come into operation when the suction motor is turned on.

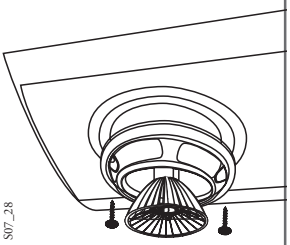
WARNING: Maintenance or replacement periods should be respected to avoid any fire hazards when the filters get saturated with grease.

3.3 - Light

1 - It consists of 2 20 W-halogen spotlights.

2 - Replacement **(fig. 31)**
Remove the two screws that lock the metal ring, take the spotlight out of its holder by pulling slightly. When replacing, make sure that both pins are well inserted in the holder seat.

31



3.4 - Cleaning

Normal cleaning operation of the hood:
- Do not use any wet cloth or sponge or water-jet.
- Do not use diluents or alcohol, as they could make the painted surfaces opaque.
- Do not use abrasive products, especially on stainless steel surfaces.

We recommend the use of a damp cloth and any neutral liquid detergent.

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